

FORM PTO - 1449		ATTORNEY DOCKET NO.: VXM-001C
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Vitaliano et al.
		SERIAL NO.: 10/660,976
		FILING DATE: September 11, 2003 GROUP: 1631
	C4	Benjamin et al. (date unknown) "Towards Quantum Information Technology," www.qubit.org/library/intros/nano/nano.html
	C5	Blatt, R. (2001) "Delicate information," <i>Nature</i> 412: 773.
	C6	Borbat et al. (April 19, 2002) "Protein Structure Determination Using Long-Distance Constraints from Double-Quantum Coherence ESR: Study of T4 Lysozyme," <i>J. Am. Chem. Soc.</i> 124: 5304-5314.
	C7	Brown J. (2000) "Minds, Machines and the Multiverse (The Quest for the Quantum Computer)," Chapter 1, Simon & Schuster 2000
	C8	Cheetham et al. (1996) "Inhibition of hsc70-catalysed clathrin uncoating by HSP1 proteins," <i>Biochem J.</i> 319: 103-108.
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	C10	Claing et al. (2001) β -Arrestin-mediated ADP-ribosylation Factor 6 Activation and β_2 -Adrenergic Receptor Endocytosis," <i>Journal of Biological Chemistry</i> 276: 42509-42513
	C11	Coward et al. (1998) "Controlling signaling with a specifically designed G _i -coupled receptor," <i>Proc. Natl. Acad. Sci. USA</i> 95: 352-357
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	C15	DiVincenzo, D. (1996) "Gates and Circuits: Sleator-Weinfurter construction: $V^2=U$," <i>Phil Trans. R. Soc. Lond. A</i> : 9-18.
	C16	DiVincenzo, D. (1997) "Quantum Gates and Circuits," <i>Phil Trans. R. Soc. Lond. A</i> , Submitted
	C17	DiVincenzo, D. (1998) "Real and realistic quantum computers," <i>Nature</i> 393: 113-114.
	C18	Dowling et al. (date unknown) "Electron-Nuclear-Double-Resonance Quantum Computer"
	C19	Follstaedt et al. (2000) "Protein Adhesion on SAM Coated Semiconductor Wafers: Hydrophobic Versus Hydrophilic Surfaces," Sandia Report SAND_2000-3016
	C20	Gad, H. et al. (2000) "Fission and uncoating of synaptic clathrin-coated vesicles are per turbed by disruption of interactions with the SH3 domain of endophilin," <i>Nature</i> 27:301-312 (Abstract only)
	C21	Gad, H. (2000) "Synaptic vesicle endocytosis studied in a living synapse," (Ph.D. Thesis) Karolinska Institute. (conclusions drawn from Ph.D. thesis)
	C22	Gershenfeld et al. (1998) "Quantum Computing with Molecules," <i>Scientific American</i> . June 1998 (www.media.mit.edu/physics/publications/papers/98.06.sciam/0698gershenfeld.html)

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	C28	Hardy et al. (2000) "Universal Manipulation of a Single Qubit," Centre for Quantum Computation, Clarendon Laboratory, Department of Physics, University of Oxford.	
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	C32	Henderson et al. (date unknown) "CQC Introductions: Quantum Entanglement," www.qubit.org/library/intros/entang/index.html	
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	C38	Koruga, D. (date unknown) "From Natural to Artificial Molecular Machines," (Abstract 6 th Foresight from the Conference on Molecular Monotechnology) www.foresight.org/Conferences/MNT6/Abstracts/Koruga/	
	C39	Laflamme et al. (August 22, 2002) "NMR GHZ" (www.arxiv.org)	
	C40	Leuenberger et al. (2001) "Quantum computing in molecular magnets," Department of Physics and Astronomy, University of Basel, Switzerland.	
<i>Y</i>	C41	Liu et al. (1995) "Regulation of Clathrin Assembly and Trimerization Defined Using Recombinant Triskelion Hubs," <i>Cell</i> 83: 257-267	

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	C43	Loss, D. (date unknown) "Spin-based Quantum Information Processing in Nanostructures," Department of Physics, University of Basel, Switzerland - (PowerPoint Presentation)	NO DATE
<i>RM</i>	C44	Mekis, A. et al. (1995) "Ray chaos and Q-spoiling in Lasing Droplets," <i>Phys. Rev. Lett.</i> 75: 2682-2686	
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	C46	Myers, T. (date unknown) "From NANDS to Neurons: A Look at Alternative Approaches to Information Processing," www.cs.wayne.edu/~tom/csc888/csc888.html	NO DATE
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<i>RM</i>	C49	Oskin et al. (January 2002) "A Practical Architecture for Reliable Quantum Computers," <i>Computer</i> . 79-87.	
<i>RM</i>	C50	Owen, D.J. (2000) "The structure and function of the $\beta 2$ -adaptn appendage domain," <i>EMBO Journal</i> 19: 4216-4227	
	C51	Pan et al. (date unknown) "A Precision Technology for Controlling Protein Adsorption and Cell Adhesion in Biomems," (manuscript)	NO DATE
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	C54	Recher et al. (2000) "Quantum Dot as Spin Filter and Spin Memory," <i>Physical Review Letters</i> : 85 1962-1965.	
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	C58	Smith, T. (date unknown) "Why do I like Clifford Algebras?," www.innerx.net/personal/tsmith/clfpg.html	NO DATE
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	C68	Vitaliano, F. (June 18, 2002) "VXMaia: A New Quantum Computing System," (PowerPoint Presentation)	
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	C82	Centre for Quantum Computation, www.qubit.org (date unknown) NO DATE
	C83	"Continuous Wave ENDOR," (date unknown) NO DATE
	C84	"Electron Spin Resonance (ESR)," (2000) Physics 77, Experiment 6 NO DATE
	C85	"EPR Continuous Wave Practice Page," www.bruker-biospin.com/brukerepr/continuouswavepractice.html (date unknown) NO DATE
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EXAMINER <i>Kate Z</i>		DATE CONSIDERED 5/29/06